

## ANTIBACTERIAL MELAMINE RESIN DECORATIVE PANEL

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### Abstract of JP7329265

**PURPOSE:**To obtain a melamine resin decorative panel having antifungal and antibacterial properties by impregnating overlay paper or pattern paper with a melamine resin and a resin containing an antibacterial agent to form a surface layer. **CONSTITUTION:**A resin soln. wherein an antibacterial phosphate interlaminar compd. obtained by holding at least one or more kind of an antibacterial agent selected from silver, benzalkonium, cetyl pyridinium and isopropylmethylphenol to laminar phosphate is added to a melamine resin is obtained. Subsequently, this resin soln. is infiltrated into overlay paper or pattern paper and the impregnated paper is dried by hot air to obtain a prepreg sheet for a surface layer. Unbleached kraft paper is impregnated with a phenol resin and dried by hot air to obtain a prepreg sheet for a core layer. Next, the prepreg sheet for the surface layer and a plurality of the prepreg sheets for the core layer are laminated and molded under heating and pressure to obtain an antibacterial melamine resin decorative panel.

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